



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Huazhou Lou

Appln. No. : 10/631,919

Filed : July 31, 2003

Title : DYNAMIC MEASUREMENT OF HEAD
MEDIA SPACING MODULATION

Docket No. : I69.12-0592

Group Art Unit: 2651

Examiner: Tzeng, Fred

EXPRESS MAIL COVER SHEET

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SENT VIA EXPRESS MAIL
Express Mail No.: EV 655621487 US

The following papers are being transmitted via **EXPRESS MAIL** to the U.S. Patent and
Trademark Office on the date shown below:

1. Amendment;
2. Fee Transmittal (in duplicate); and
3. Return receipt postcard.

Respectfully submitted,

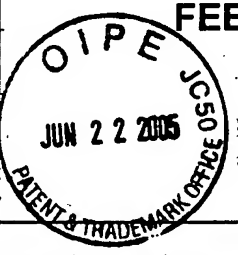
KINNEY & LANGE, P.A.

Date: 6/22/05

By 

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THE KINNEY & LANGE BUILDING
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DMK:bmj



FEE TRANSMITTAL

Total Amount of Payment \$0.00

Complete if Known

| | |
|----------------------|---------------|
| Application No. | 10/631,919 |
| Filing Date | July 31, 2003 |
| First Named Inventor | Huazhou Lou |
| Group Art Unit | 2651 |
| Examiner Name | Tzeng, Fred |
| Atty. Docket Number | 169.12-0592 |

METHOD OF PAYMENT (Check One)

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. 1.16 and 1.17 and credit any over payments to Deposit Account No.11-0982. Deposit Account Name: Kinney & Lange, P.A. A duplicate copy of this communication is enclosed.

2. ☐ Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

| Appn. Type | FILING FEE FEE/SMALL | SEARCH FEES FEE/SMALL | EXAM FEES FEE/SMALL | FEES |
|-------------|-------------------------|--------------------------|------------------------|------|
| Utility | 300 / 150 | 500 / 250 | 200 / 100 | — |
| Design | 200 / 100 | 100 / 50 | 130 / 65 | — |
| Reissue | 300 / 150 | 500 / 250 | 600 / 300 | — |
| Provisional | 200 / 100 | -0- / -0- | -0- / -0- | — |

Subtotal (1) \$0.00

2. EXTRA CLAIM FEES

| Number Claims | Prior** | Extra | Fee from Fee Paid Below | Fee Paid |
|---------------------------|---------|-------|-------------------------|----------|
| Total | 20 | = 0 | x * | = * |
| Indep. | 3 | = 0 | x * | = * |
| Multiple Dependent Claims | | | * = * | |

**Insert 3 and 20, or number previously paid if greater; Reissue see below

| Large Entity Fee Code | Fee (\$) | Small Entity Fee Code | Fee (\$) | Description |
|--------------------------|----------|--------------------------|----------|---|
| 1202 | 50 | 2202 | 25 | Claims in excess of 20 |
| 1201 | 200 | 2201 | 100 | Independent claims in excess of 3 |
| 1203 | 360 | 2203 | 180 | Multiple Dependent Claim |
| 1204 | 200 | 2204 | 100 | Reissue Independent Claims Over Original Patent |
| 1205 | 50 | 2205 | 25 | Reissue claims in excess of 20 and over original patent |

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 small) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 C.F.R. 1.16(s). \$0.00

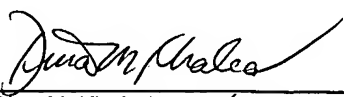
Subtotal (2) \$0.00

FEE CALCULATION (Continued)

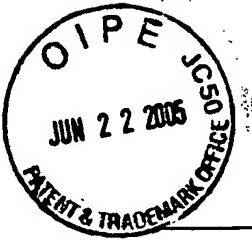
3. ADDITIONAL FEES

| Large Entity Fee Code | Fee (\$) | Small Entity Fee Code | Fee (\$) | Fee Description | Fee paid |
|---------------------------|----------|--------------------------|----------|--|----------|
| 1051 | 130 | 2051 | 65 | Surcharge - Late filing fee or oath | * |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | * |
| 1053 | 130 | 1053 | 130 | Non-English specification | * |
| 1812 | 2,520 | 1812 | 2,520 | For Filing a Request for Reexamination | * |
| 1251 | 120 | 2251 | 60 | Extension for reply within first month | * |
| 1252 | 450 | 2252 | 225 | Extension for reply within second month | * |
| 1253 | 1,020 | 2253 | 510 | Extension for reply within third month | * |
| 1254 | 1,590 | 2254 | 795 | Extension for reply within fourth month | * |
| 1255 | 2,160 | 2255 | 1,080 | Extension for reply within fifth month | * |
| 1402 | 500 | 2402 | 250 | Filing a brief in support of an appeal | * |
| 1403 | 1,000 | 2403 | 500 | Request for oral hearing | * |
| 1814 | 130 | 2814 | 65 | Terminal Disclaimer Fee | * |
| 1452 | 500 | 2452 | 250 | Petition to revive - unavoidable | * |
| 1453 | 1,500 | 2453 | 750 | Petition to revive - unintentional | * |
| 1501 | 1,400 | 2501 | 700 | Utility/Reissue issue fee | * |
| 1502 | 800 | 2502 | 400 | Design issue fee | * |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | * |
| 1807 | 50 | 1807 | 50 | Petitions related to provisional applications | * |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Statement | * |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | * |
| 1801 | 790 | 2801 | 395 | Request for Continued Examination (RCE) | * |
| Other fee (specify) _____ | | | | | * |

Subtotal (3) \$0.00

Signature  Reg. No. 52,761

Date Dina M. Khaled 6/24/05 Deposit Account No. 11-0982



06-23-05

IFW

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AMENDMENT

Mail Stop Amendment
Commissioner For Patents
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Alexandria, VA 22313-1450

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Express Mail No.: EV 655621487 US

INTRODUCTION

This is in response to the Office Action mailed on March 22, 2005. Please amend the above-identified application as follows: